

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor(s) : Vera CHEREPINSKY et al.  
Appln. Serial No. : 10/567,126  
Filed : August 8, 2006  
Entitled : METHODS, SOFTWARE ARRANGEMENTS, STORAGE  
MEDIA, AND SYSTEMS FOR GENOTYPING OR  
HAPLOTYPING POLYMORPHIC GENETIC LOCI OR  
STRAIN IDENTIFICATION  
Group Art Unit : 1631  
Examiner : Jerry Lin  
Confirmation No. : 2332

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE TO NON-FINAL OFFICE ACTION**

SIR:

This paper is filed in response to the Non-Final Office Action dated June 23, 2010 (the "Office Action"). Initially, please amend the above-identified application as set forth below

**In The Claims:**

Please amend claims 1, 3, 7, 15, 41, 61 and 81, cancel claims 4 and 21, and add new claims 82-109 as provided below in the associated claim listing on separate sheets: